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**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

Claims 1-10. (Cancelled)

Claim 11 (new): A halogen-free method for cleaning food processing equipment, comprising contacting the equipment with

- 1) a cyclic nitroxyl and one of a peracid or hydroperoxide reoxidator, or with
- 2) a nitrooxonium compound.

Claim 12 (new): The method according to claim 11, wherein the reoxidator is a peracid or a salt thereof.

Claim 13 (new): The method according to claim 12, wherein the peracid is peracetic acid.

Claim 14 (new): The method according to claim 12, wherein the peracid is persulphuric acid.

Claim 15 (new): The method according to claim 12, wherein the peracid is produced *in situ* from hydrogen peroxide or from compounds releasing hydrogen peroxide.

Claim 16 (new): The method according to claim 12, wherein the hydroperoxide is hydrogen peroxide in the presence of a metal complex or an oxidative enzyme.

Claim 17 (new): The method according to claim 12, wherein the reoxidator is used in an aqueous solution in a concentration of 25-2500 ppm.

Claim 18 (new): The method according to claim 11, wherein the cyclic nitroxyl compound is 2,2,6,6-tetramethylpiperidin-1-oxyl (TEMPO) or a 4-hydroxy-, 4-acyloxy- or 4-acrylamino derivative thereof.

Claim 19 (new): The method according to claim 11, wherein the nitroxonium compound has been prepared previously using a metal complex or an oxidative enzyme.

Claim 20 (new): The method according to claim 11, wherein the filter is a membrane filter.

Claim 21 (new): The method according to claim 13, wherein the peracid is produced *in situ* from hydrogen peroxide or from compounds releasing hydrogen peroxide.

Claim 22 (new): The method according to claim 14, wherein the peracid is produced *in situ* from hydrogen peroxide or from compounds releasing hydrogen peroxide.

Claim 23 (new): The method according to claim 13, wherein the hydroperoxide is hydrogen peroxide in the presence of a metal complex or an oxidative enzyme.

Claim 24 (new): The method according to claim 14, wherein the hydroperoxide is hydrogen peroxide in the presence of a metal complex or an oxidative enzyme.

Claim 25 (new): The method according to claim 13, wherein the reoxidator is used in an aqueous solution in a concentration of 25-2500 ppm.

Claim 26 (new): The method according to claim 14, wherein the reoxidator is used in an aqueous solution in a concentration of 25-2500 ppm.

Claim 27 (new): The method according to claim 15, wherein the reoxidator is used in an aqueous solution in a concentration of 25-2500 ppm.

Claim 28 (new): The method according to claim 16, wherein the reoxidator is used in an aqueous solution in a concentration of 25-2500 ppm.